

FIGURE 1

CGTCCTATCTGCAGTCGGTACTTCAGTGGCAGAAGAGGCCACATCTGCTTCCTGTAGG
CCCTCTGGCAGAACGCATGCGCTGGTCTCCTCTGATCTGGGCCAGGGCTGAGGCA
GGCTCCCCTCGCCTCAGGAATGATGACAGGCACAAATAGAAACAAACGGGAACATTCTGC
AGAGAAAAGTGGCTCTATCATCTTACAATGTCACCTCTCCTCCACCA CGGCACAAGTGAC
CCAGGTCAACTGGGAGCAGCAGGACCAGCTCTGGCATTGTAATGCTGACTTGGGTG
GCACATCTCCCCATCCTCAAGGATCGAGTGGCCCCAGGTCCCGCTGGCCTCACCT
CCAGTCGCTGACCGTGAACGATAACAGGGAGTACTCTGCATCTACACCTACCCCTGA
TGGGACGTACACTGGAGAATCTTCCTGGAGGTCCTAGAAAGCTCAG TGGCTGAGCACGG
TGCAGGTTCCAGATTCCATTGCTTGAGCCATGGCCGCGACGCTGG TGGTCACTGCAC
AGCAGTCATCGTGGTGGTCGCGTTGACTAGAAAGAAAGCCCTCAGAATCCATTCTGT
GGAAGGTGACCTCAGGAGAAAATCAGCTGGACAGGAGGAATGGAGCCAGTGCTCCCTC
ACCCCCAGGAAGCTGTGTCAGGCAGAAGCTG CACCTGCTGGCTCTGTGGAGAGCAGCG
GGGAGAGGACTGTGCCAGCTGCATGACTACTTCAATGTCCTGAGTTACAGAACGCTGGG
TAACTGCAGCTTCTTCA CAGAGACTGGTAGCAACCAGAGGCATCTTCTGG

FIGURE 2

MRWCLLLIWAQGLRQAPLASGMMTGTIETTGNISAEKGGSIILQCHLSSTTAQVTQVNWE
 QQDQLLAICNADLGWHISPSFKDRVAPGPGLGLTQLQSLTVNDTGEYFCIYHTYPDGYTG
 RIFLEVLESSVAEHGARFQIPLLGAMAATLVVICTAVIVVVALTRKKKALRIHSVEGDLR
 RKSAGQEEWSPSAPSPPGSCVQAEAAAPAGLCGEQRGEDCAELHDYFNVLSYRSLGNCSFF
 TETG

Signal sequence

1-15

Transmembrane domain

140-160

N-glycosylation site.

32-35

101-104

236-239

cAMP- and cGMP-dependent protein kinase phosphorylation site.

180-183

N-myristoylation site.

21-26

25-30

31-36

90-95

116-121

144-149

Immunoglobulin domain

38-110

ITIM domain

218-228

FIGURE 3

GGCAGTTTCAGTTGGAGGAGAGGCCACATCCACTTGCTGTAGGCCTCTGGTTAGAAAGCA
TGCATGGCTGGCTGCTCTGGCTGGGTCCAGGGCTGATAACAGGCTGCCTCCCTCGCTA
CAGGAGC CACAGCAGGCACGATAGATAAAAGAGGAACATCTCTGCA GAGGAAGGTGGCT
CTGTCATCTTACAGTGT CACTTCTCCTCTGACACAGCTGAAGTGACC CAAGTCGACTGGA
AGCAGCA GGAC CAGCTTCTGCCATTATAGTGTGACCTGGGTGG CATG TCGCTT CAG
TCTTCAG TGATCGGGTGGTCCCAGGCCAGCCTAGGCCTCACCTTC CAGTCTCTGCAA
TGAATGA CACGGGAGAG TACTTCTGTACCTATCATACGTATCCTGGTGGGATTACAAGG
GGAGAATATTCTGAAGGTCCAAGAAAGCTCAGTGGCTCAGTTCCAGACTGCCCCGCTTG
GAGGAAC CATGGCTGCTGTGCTGGGACTCATTGCTTAATGGTCACA GGAGTGACTGTAC
TGGCTAG AAAGAAGTCTATTAGAATGCATTCTATAGAAAGTGGCCTTGGGAGAACAGAAC
CGGAGCCACAGGAATGGAACCTGAGGAGTCCTCATCCCCCTGGAAGCCTGTCAGACAC
AAACTGC CCCTGCTGGTCCCTGTGGAGAGCAGGCCAGAAGATGACTATGCTGACCCACAGG
AATACTT TAATGTCCTGAGCTACAGAAGCCTAGAGAGCTTCATTGCTGTATCGAACACTG
GCTAACGACAGCTCTATCCCTCTCCCTATGTCCTCTCTGTCTCTCTCTCTCTCTCTCTCT
TCTGTCTCTGTCT
TGTGTGTATGTGTGTATACATCATTAACTGTCATTAAACTAACTGCAATATGGTGGAGGA
CCAGGAAATAAAAGTTGTGTTGCTAATAAAATTAAGTGCTAACTT

FIGURE 4

MHGWL₁LLVWVQGLI₂QAA₃FLATGATAGT₄IDTKRN₅ISAE₆EGGSV₇ILQCH₈FSSDTAEVTQVDW₉KQQDQLL₁₀AIYSVDLGWH₁₁VASVFSDRVV₁₂PGPSL₁₃GLTFQ₁₄SLTMNDTGEY₁₅FCTYHTY₁₆PGGIYK₁₇GRIFLKVQ₁₈ESSV₁₉AQFQT₂₀APLGGT₂₁MAAVL₂₂GLICL₂₃MV₂₄TG₂₅VT₂₆VL₂₇ARK₂₈K₂₉S₃₀IRMH₃₁SI₃₂ESGLGR₃₃TE₃₄AEPQEWN₃₅RL₃₆S₃₇L₃₈SSPG₃₉SP₄₀V₄₁QT₄₂QT₄₃AP₄₄AG₄₅PC₄₆GE₄₇QA₄₈EDDY₄₉AD₅₀PQ₅₁EY₅₂FN₅₃V₅₄L₅₅S₅₆Y₅₇R₅₈S₅₉L₆₀E₆₁S₆₂F₆₃IAV₆₄SK₆₅T₆₆G₆₇

Signal sequence

1-16

Transmembrane domain

138-158

N-glycosylation site.

33-36
102-105

Glycosaminoglycan attachment site.

174-177

cAMP- and cGMP-dependent protein kinase phosphorylation site.

163-166

N-myristoylation site.

12-17
22-27
26-31
117-122
141-146
142-147
175-180

Immunoglobulin domain

39-111

ITIM domain

221-230